

ORIGINAL



0000088692

RECEIVED

2008 SEP 12 A 11:33

LAW OFFICES

**WATERFALL ECONOMIDIS CALDWELL**

**HANSHAW & VILLAMANA, P.C.**

SB No 00078300

5210 E. WILLIAMS CIRCLE, SUITE 800

TUCSON, ARIZONA 85711

TELEPHONE (520) 790-5828

FACSIMILE (520) 745-1279

Russell E. Jones, #000549

D. Michael Mandig, #005601

Attorneys for Trico Electric Cooperative, Inc.

ARIZONA CORPORATION COMMISSION  
DOCKET CONTROL

BEFORE THE ARIZONA CORPORATION COMMISSION

MIKE GLEASON

Chairman

JEFF HATCH-MILLER

Commissioner

KRISTIN K. MAYES

Commissioner

WILLIAM MUNDELL

Commissioner

GARY PIERCE

Commissioner

Arizona Corporation Commission

**DOCKETED**

SEP 12 2008

DOCKETED BY

Docket No. E-01461A-08-0430

**AMENDMENT OF APPLICATION**

IN THE MATTER OF THE  
APPLICATION OF TRICO ELECTRIC  
COOPERATIVE, INC., AN ARIZONA  
NONPROFIT CORPORATION, FOR A  
PERMANENT RATE INCREASE, FOR A  
DETERMINATION OF THE FAIR  
VALUE OF THE CORPORATION'S  
ELECTRIC SYSTEM FOR RATE  
MAKING PURPOSES, FOR A FINDING  
OF A JUST AND REASONABLE RATE  
OF RETURN THEREON AND A JUST  
AND REASONABLE RETURN, AND  
FOR APPROVAL OF RATE  
SCHEDULES DESIGNED TO DEVELOP  
SUCH RETURN.

Comes now TRICO ELECTRIC COOPERATIVE, INC., an Arizona nonprofit corporation, and hereby files amendments to its Application filed in the above proceeding on August 15, 2008, by amending the following Schedules to its Rate Analysis and Cost of Service Study as attached hereto:

Schedules F-5.0, page 6 of 6; F-5.1, page 6 of 6; F-5.2, page 6 of 6; H-3.0, page 4 of 4; 14-4.15; N-1.0, page 6 of 6;

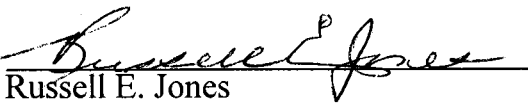
1 and the following portions of Proposed Standard Offer tariffs:

2 Lighting Service, Schedule OL1, pages 24, 25 and 26 of  
3 Tariffs and

4 Street Lighting Service, Schedule SL1, page 2, only and page  
5 28 of Tariffs

6 RESPECTFULLY SUBMITTED this 12<sup>th</sup> day of September, 2008.

7 WATERFALL ECONOMIDIS CALDWELL  
8 HANSHAW & VILLAMANA, P.C.

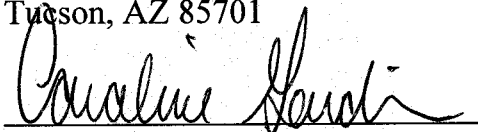
9 By   
10 Russell E. Jones  
11 D. Michael Mandig  
12 Attorneys for Applicant, Trico Electric  
13 Cooperative, Inc.

14 Original and 15 copies of the foregoing  
15 transmitted filed this 12<sup>th</sup> day of  
16 September, 2008, with:

17 Docket Control  
18 Arizona Corporation Commission  
19 1200 W. Washington  
20 Phoenix, AZ 85007

21 Copy of the foregoing mailed this  
22 12<sup>th</sup> day of September, 2008, to:

23 Jane Rodda  
24 Administrative Law Judge  
25 Arizona Corporation Commission  
26 400 West Congress  
Tucson, AZ 85701



## TRICO ELECTRIC COOPERATIVE, INC.

**CALCULATION OF EXISTING REVENUE**  
**FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2007**

			<b>Billing Units</b>	<b>Bundled Rates</b>	<b>Revenue</b>
<b>12. LIGHTING</b>					
<b><u>Cooperative Owned and Maintained</u></b>					
Security Light	53 kWh per month		8,366	8.50	71,111
Additional Poles			2,073	8.60	17,828
55 Watt LPS	27 kWh per month		24	8.50	204
90 Watt LPS	27 kWh per month		476	8.50	4,046
135 Watt LPS	45 kWh per month		920	8.50	7,820
100 Watt HPS	30 kWh per month		24	8.50	204
150 Watt HPS	45 kWh per month		12	8.50	102
250 Watt HPS	75 kWh per month		60	8.50	510
400 Watt HPS	120 kWh per month		141	8.50	1,199
Subtotal Coop Owned and Maintained					103,024
<b><u>Customer Provided and Cooperative Owned and Maintained</u></b>					
55 Watt LPS	27 kWh per month		0	6.50	0
90 Watt LPS	27 kWh per month		600	6.50	3,900
135 Watt LPS	45 kWh per month		0	9.50	0
180 Watt LPS	54 kWh per month		12	9.50	114
150 Watt HPS	45 kWh per month		0	9.50	0
250 Watt HPS	75 kWh per month		0	9.50	0
400 Watt HPS	120 kWh per month		0	16.50	0
Wood Pole			35	1.00	35
28' Metal Pole			613	2.75	1,686
20-30' Metal Pole				3.75	0
30-40' Metal Pole				3.75	0
Subtotal Customer Provided and Coop Owned/Maint					5,735
<b>13. TOTAL</b>					
Total Base Revenue					62,393,208
Total WPCA Revenue					10,336,227
Subtotal					72,729,435
Fuel Bank					122,279
Sales for Resale					10,144
Total					72,861,858

TRICO ELECTRIC COOPERATIVE, INC.

CALCULATION OF ADJUSTED TEST YEAR REVENUE  
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2007

Billing	Bundled	Revenue
Units	Rates	

12. LIGHTING

Cooperative Owned and Maintained

Security Light	53 kWh per month	8,366	8.50	71,111
Additional Poles		2,073	8.60	17,828
55 Watt LPS	27 kWh per month	24	8.50	204
90 Watt LPS	27 kWh per month	476	8.50	4,046
135 Watt LPS	45 kWh per month	920	8.50	7,820
100 Watt HPS	30 kWh per month	24	8.50	204
150 Watt HPS	45 kWh per month	12	8.50	102
250 Watt HPS	75 kWh per month	60	8.50	510
400 Watt HPS	120 kWh per month	141	8.50	1,199
Subtotal Coop Owned and Maintained				103,024

Customer Provided and Cooperative Owned and Maintained

55 Watt LPS	27 kWh per month	0	6.50	0
90 Watt LPS	27 kWh per month	600	6.50	3,900
135 Watt LPS	45 kWh per month	0	9.50	0
180 Watt LPS	54 kWh per month	12	9.50	114
150 Watt HPS	45 kWh per month	0	9.50	0
250 Watt HPS	75 kWh per month	0	9.50	0
400 Watt HPS	120 kWh per month	0	16.50	0
Wood Pole		35	1.00	35
28' Metal Pole		613	2.75	1,686
20-30' Metal Pole			3.75	0
30-40' Metal Pole			3.75	0
Subtotal Customer Provided and Coop Owned/Maint				5,735

Subtotal	kWh Calculated	537,782		108,759
WPCA	kWh As Billed	550,757		10,512
Total				119,271

13. TOTAL

Total Base Revenue	605,300,210	62,401,143
Total WPCA Revenue		10,755,503
Subtotal		73,156,645
Fuel Bank		0
Sales for Resale		10,144
Total		73,166,789

## TRICO ELECTRIC COOPERATIVE, INC.

CALCULATION OF NORMALIZED TEST YEAR REVENUE  
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2007

	Billing Units	Bundled Rates	Revenue
--	------------------	------------------	---------

## 12. LIGHTING

Cooperative Owned and Maintained

Security Light	53 kWh per month	8.366	71,111
Additional Poles	2,073	8.60	17,828
55 Watt LPS	24	8.50	204
90 Watt LPS	476	8.50	4,046
135 Watt LPS	920	8.50	7,820
100 Watt HPS	24	8.50	204
150 Watt HPS	12	8.50	102
250 Watt HPS	60	8.50	510
400 Watt HPS	141	8.50	1,199
Subtotal Coop Owned and Maintained			103,024

Customer Provided and Cooperative Owned and Maintained

55 Watt LPS	27 kWh per month	6.50	0
90 Watt LPS	600	6.50	3,900
135 Watt LPS	0	9.50	0
180 Watt LPS	12	9.50	114
150 Watt HPS	0	9.50	0
250 Watt HPS	0	9.50	0
400 Watt HPS	0	16.50	0
Wood Pole	35	1.00	35
28' Metal Pole	613	2.75	1,686
20'-30' Metal Pole		3.75	0
30'-40' Metal Pole		3.75	0
Subtotal Customer Provided and Coop Owned/Maint			5,735

## kWh Calculated

537,782

## kWh As Billed

550,757

## WPCA

108,759

## Total

119,271

## 13. TOTAL

605,300,210

62,015,133

Total Base Revenue

10,755,503

Total WPCA Revenue

72,770,635

Subtotal

0

Fuel Bank

10,144

Sales for Resale

72,780,779

Total

72,780,779

## TRICO ELECTRIC COOPERATIVE, INC.

## SUMMARY OF RATES

Existing:	Proposed:	Change
<b>WPCA</b>	<b>WPCA</b>	
WPCA Monthly Factor (Average)	WPCA Monthly Factor (Average)	(\$0.018545)
WPCA Base Cost	WPCA Base Cost	\$0.018545
Total Power Cost (Average)	Total Power Cost	\$0.000000
<b>DSMA</b>	<b>DSMA</b>	
DSMA Monthly Factor (Average)	DSMA Monthly Factor (Average)	\$0.000191
<b>Lighting</b>	<b>Lighting</b>	
<b>Cooperative Owned and Maintained</b>	<b>Lighting Service OL 1 - Cooperative Owned and Maintained</b>	
Security Light	Security Light	\$2.18
Additional Pole For Lights	Additional Pole For Lights	\$1.03
55 Watt LPS	55 Watt LPS	\$1.61
90 Watt LPS	90 Watt LPS	\$1.61
135 Watt LPS	135 Watt LPS	\$2.01
100 Watt HPS	100 Watt HPS	\$1.68
150 Watt HPS	150 Watt HPS	\$2.01
250 Watt HPS	250 Watt HPS	\$2.66
400 Watt HPS	400 Watt HPS	\$3.65
<b>Consumer Provided and Cooperative Operated/Maintained</b>	<b>Street Lighting Service SL 1 - Cust Provided/Coop Maintained</b>	
150 Watt HPS	100 Watt HPS	\$1.01
250 Watt HPS	150 Watt HPS	\$1.66
400 Watt HPS	250 Watt HPS	(\$4.35)
55 Watt LPS	400 Watt HPS	\$1.35
90 Watt LPS	55 Watt LPS	\$1.35
135 Watt LPS	90 Watt LPS	\$1.01
180 Watt HPS	135 Watt LPS	\$1.14
Wood Pole	180 Watt HPS	\$0.12
28' Metal Pole	Wood Pole	\$0.33
20' - 30' Metal Pole	28' Metal Pole	\$0.45
30' - 40' Metal Pole	20' - 30' Metal Pole	
	30' - 40' Metal Pole	

**TRICO ELECTRIC COOPERATIVE, INC.**  
**COMPARISON OF EXISTING AND PROPOSED RATES**  
**LIGHTING**

	Existing Billing				Proposed Billing				Change		
	Base	WPCA	DSMA	Total	Base	WPCA	DSMA	Total	\$	%	
Proposed Schedule OL-1 (Existing Cooperative Owned and Maintained)											
Security Light	53 kWh per month	8.50	0.98	0.00	9.48	10.68	0.00	0.01	10.69	1.21	12.73%
Additional Pole For Lights		8.60	0.00	0.00	8.60	9.63	0.00	0.00	9.63	1.03	11.98%
	27 kWh per month	8.50	0.50	0.00	9.00	10.11	0.00	0.01	10.12	1.11	12.38%
55 Watt LPS	27 kWh per month	8.50	0.50	0.00	9.00	10.11	0.00	0.01	10.12	1.11	12.38%
90 Watt LPS	27 kWh per month	8.50	0.50	0.00	9.00	10.11	0.00	0.01	10.12	1.11	12.38%
135 Watt LPS	45 kWh per month	8.50	0.83	0.00	9.33	10.51	0.00	0.01	10.52	1.18	12.68%
100 Watt HPS	30 kWh per month	8.50	0.56	0.00	9.06	10.18	0.00	0.01	10.19	1.13	12.47%
150 Watt HPS	45 kWh per month	8.50	0.83	0.00	9.33	10.51	0.00	0.01	10.52	1.18	12.68%
250 Watt HPS	75 kWh per month	8.50	1.39	0.00	9.89	11.16	0.00	0.01	11.17	1.28	12.98%
400 Watt HPS	120 kWh per month	8.50	2.23	0.00	10.73	12.15	0.00	0.02	12.17	1.45	13.50%
Proposed Schedule SL-1 (Existing Customer Provided/Cooperative Operated and Maintained)											
100 Watt HPS	30 kWh per month	9.50	0.83	0.00	10.33	10.18	0.00	0.01	10.18	0.18	1.78%
150 Watt HPS	45 kWh per month	9.50	1.39	0.00	10.89	11.16	0.00	0.01	11.17	0.28	2.60%
250 Watt HPS	75 kWh per month	16.50	2.23	0.00	18.73	12.15	0.00	0.02	12.17	(6.55)	-34.99%
400 Watt HPS	27 kWh per month	6.50	0.50	0.00	7.00	7.85	0.00	0.01	7.86	0.85	12.21%
55 Watt LPS	27 kWh per month	6.50	0.50	0.00	7.00	7.85	0.00	0.01	7.86	0.85	12.21%
90 Watt LPS	27 kWh per month	6.50	0.50	0.00	7.00	7.85	0.00	0.01	7.86	0.85	12.21%
135 Watt LPS	45 kWh per month	9.50	0.83	0.00	10.33	10.51	0.00	0.01	10.52	0.18	1.78%
180 Watt LPS	54 kWh per month	9.50	1.00	0.00	10.50	10.64	0.00	0.01	10.65	0.15	1.42%
Wood Pole		1.00			1.00	1.12	0.00	0.00	1.12	0.12	12.00%
28' Metal Pole		2.75			2.75	3.08	0.00	0.00	3.08	0.33	12.00%
20' - 30' Metal Pole		3.75			3.75	4.20	0.00	0.00	4.20	0.45	12.00%
30' - 40' Metal Pole		3.75			3.75	4.20	0.00	0.00	4.20	0.45	12.00%

## TRICO ELECTRIC COOPERATIVE, INC.

**CALCULATION OF PROPOSED REVENUE**  
**FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2007**

	Billing Units	Pur Pwr	Unbundled Rates		Total	Pur Pwr	Unbundled Revenue		Total
			Dist Wires			Dist Wires			
12. LIGHTING									
LIGHTING SERVICE - OL1									
Security Light	53 kwh per month	8,366	3.66	7.02	10.68	30,620	58,729	89,349	
Additional Poles		2,073	0.00	9.63	9.63	0	19,963	19,963	
55 Watt LPS	27 kwh per month	24	1.86	8.25	10.11	45	198	243	
90 Watt LPS	27 kwh per month	476	1.86	8.25	10.11	885	3,927	4,812	
135 Watt LPS	45 kwh per month	920	3.11	7.40	10.51	2,861	6,808	9,669	
100 Watt HPS	30 kwh per month	24	2.07	8.11	10.18	50	195	244	
150 Watt HPS	45 kwh per month	12	3.11	7.40	10.51	37	89	126	
250 Watt HPS	75 kwh per month	60	5.18	5.98	11.16	311	359	670	
400 Watt HPS	120 kwh per month	141	8.29	3.86	12.15	1,169	544	1,713	
Subtotal OL-1						35,978	90,812	126,789	
STREET LIGHTING SERVICE - SL1									
55 Watt LPS	27 kwh per month	0	1.86	5.99	7.85	0	0	0	
90 Watt LPS	27 kwh per month	600	1.86	5.99	7.85	1,116	3,594	4,710	
135 Watt LPS	45 kwh per month	0	3.11	7.40	10.51	0	0	0	
180 Watt LPS	54 kwh per month	12	3.73	6.91	10.64	45	83	128	
100 Watt HPS	30 kwh per month	0	2.07	8.11	10.18	0	0	0	
150 Watt HPS	45 kwh per month	0	3.11	7.40	10.51	0	0	0	
250 Watt HPS	75 kwh per month	0	5.18	5.98	11.16	0	0	0	
400 Watt HPS	120 kwh per month	0	8.29	3.86	12.15	0	0	0	
Wood Pole		35		1.12	1.12	0	39	39	
28' Metal Pole		613		3.08	3.08	0	1,888	1,888	
20'-30' Metal Pole				4.20	4.20	0	0	0	
30'-40' Metal Pole				4.20	4.20	0	0	0	
Subtotal SL-1		550,757			4.20	1,161	5,604	6,765	
Subtotal Base		550,757				37,139	96,416	133,554	
DSMA						0	110	110	
WPCA						298	0	298	
Total						37,437	96,526	133,962	
13. TOTAL									
Total Base Revenue		605,300,210				48,764,077	30,433,432	79,197,507	
Total DSMA Revenue						0	115,828	115,828	
Total WPCA Revenue						0	0	0	
Subtotal						48,764,077	30,549,260	79,313,335	
Fuel Bank						0	0	0	
Sales for Resale						0	10,144	10,144	
Total						48,764,077	30,559,404	79,323,479	

**ELECTRIC RATES****TRICO ELECTRIC COOPERATIVE, INC.****8600 W. Tangerine Road****Marana, Arizona 85658****Filed By: Mark W. Schwirtz****Title: CEO/General Manager**

Effective Date: \_\_\_\_\_

**STANDARD OFFER TARIFF****LIGHTING SERVICE  
SCHEDULE OL1****Availability**

In the Cooperative's Certificated Area where its facilities are of adequate capacity and the required phase and suitable voltage are in existence and are adjacent to the premises served.

**Application**

This tariff applies to Cooperative owned and operated lighting facilities.

**Type of Service**

Single-phase, 60 hertz, at one standard voltage 120/240.

**Monthly Rate**

For the Cooperative owned, operated and maintained lighting, the monthly rate shall be as follows, based on estimated average monthly usage for unmetered lights:

Cooperative-Owned and Maintained Lighting Service	Power Supply		Distribution			Total Rate
			Billing	Access	Total	
Security Lights	\$3.66			\$7.02	\$7.02	\$10.68
Additional Poles for Lights				\$9.63	\$9.63	\$9.63

150 Watt HPS	\$3.11			\$7.40	\$7.40	\$10.51
250 Watt HPS	\$5.18			\$5.98	\$5.98	\$11.16
400 Watt HPS	\$8.29			\$3.86	\$3.86	\$12.15
55 Watt LPS	\$1.86			\$8.25	\$8.25	\$10.11
90 Watt LPS	\$1.86			\$8.25	\$8.25	\$10.11
135 Watt LPS	\$3.11			\$7.40	\$7.40	\$10.51
100 Watt HPS	\$2.07			\$8.11	\$8.11	\$10.18

**LIGHTING SERVICE  
SCHEDULE OL1**

---

**Tax Adjustment**

To the charge computed in this rate schedule, including all adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Cooperative and/or the price or revenue from the electric energy or service sold and/or the volume of energy purchased for sale and/or sold hereunder.

**Wholesale Power Cost Adjustment**

The Cooperative shall, if purchased power cost is increased or decreased above or below the base purchased power cost of \$0.081225 per kWh sold, flow through such increases or decreases to all classes of customers.

In addition to the foregoing, all kWh sold to each customer under this rate schedule shall be subject to an additional temporary wholesale power cost adjustment, if any, that may be charged the Cooperative by its supplier of electricity which consists of an additional surcharge, a temporary credit and/or a fuel bank surcharge.

**Rules and Regulations**

The Rules and Regulations and Line Extension Policies of the Cooperative as on file with the Arizona Corporation Commission shall apply to this rate schedule.

Upon application for service or upon request, the Cooperative will assist the customer in selecting the rate schedule best suited to his requirements, but the Cooperative does not guarantee the customer will be served under the most favorable rate schedule. Upon written notification of any material changes in the customer's installation, load conditions or use of service, the Cooperative will assist in determining if a change in rates is desirable. No more than one (1) such change at the customer's request will be made within any twelve (12) month period.

**Contract**

If service is requested in the Cooperative's Certificated Area and the provisions outlined in the Availability Clause of this rate tariff cannot be met, it will be necessary for the Cooperative and customer to mutually agree, in a written contract, on the conditions under which service will be made available.

**Service Availability Charge**

A Service Availability Charge to be paid by the customer to the Cooperative may be included in the contract to reimburse the Cooperative for its operating expenses with regard to idle or standby services in connection with the facilities constructed or installed pursuant to the contract based upon the Cooperative's estimate of its actual operating costs for such idle or standby services.

**Renewable Energy Standard (RES) Surcharge**

The Cooperative shall add to its bill a RES Surcharge in accordance with the approved RES tariff to help offset the costs associated with the Cooperative's programs designed to promote alternative generation requirements that satisfy the RES as approved by the Arizona Corporation Commission. Other charges may be applicable subject to approval by the Arizona Corporation Commission.

**Demand Side Management (DSM) Programs; DSM Adjustment Mechanism**

**LIGHTING SERVICE  
SCHEDULE OL1**

---

The Cooperative shall recover its cost for pre-approved DSM programs through a separate DSM adjustment mechanism which shall provide for a separate and specific accounting for pre-approved DSM costs.

**STREET LIGHTING SERVICE  
SCHEDULE SL1**

responsible for all maintenance and repair of lighting circuitry beyond the point of delivery, damage to lighting foundations, and damage to any underground boxes and for all trench stability and backfills.

**Type of Service**

Single-phase, 60 hertz, at one standard voltage 120/240.

**Monthly Rate**

For the Customer owned and Cooperative maintained street lighting system including lamps and glass replacements, subject to the customer's responsibility set forth above, the monthly rate shall be as follows, based on estimated average monthly usage for unmetered lights:

Customer-Provided and Cooperative-Maintained Lighting Service	Power Supply		Distribution			Total Rate
			Billing	Access	Total	
150 Watt HPS	\$3.11			\$7.40	\$7.40	\$10.51
250 Watt HPS	\$5.18			\$5.98	\$5.98	\$11.16
400 Watt HPS	\$8.29			\$3.86	\$3.86	\$12.15
55 Watt LPS	\$1.86			\$5.99	\$5.99	\$7.85
90 Watt LPS	\$1.86			\$5.99	\$5.99	\$7.85
135 Watt LPS	\$3.11			\$7.40	\$7.40	\$10.51
180 Watt LPS	\$3.73			\$6.91	\$6.91	\$10.64
100 Watt HPS	\$2.07			\$8.11	\$8.11	\$10.18
Wood Pole				\$1.12	\$1.12	\$1.12
28' Metal Pole				\$3.08	\$3.08	\$3.08
20' - 30' Metal Pole				\$4.20	\$4.20	\$4.20
30' - 40' Metal Pole				\$4.20	\$4.20	\$4.20

**Tax Adjustment**

To the charge computed in this rate schedule, including all adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Cooperative and/or the price or revenue from the electric energy or service sold and/or the volume of energy purchased for sale and/or sold hereunder.

**Wholesale Power Cost Adjustment**

The Cooperative shall, if purchased power cost is increased or decreased above or below the base purchased power cost of \$0.081225 per kWh sold, flow through such increases or decreases to all classes of customers.

In addition to the foregoing, all kWh sold to each customer under this rate schedule shall be subject to an additional temporary wholesale power cost adjustment, if any, that may be charged the